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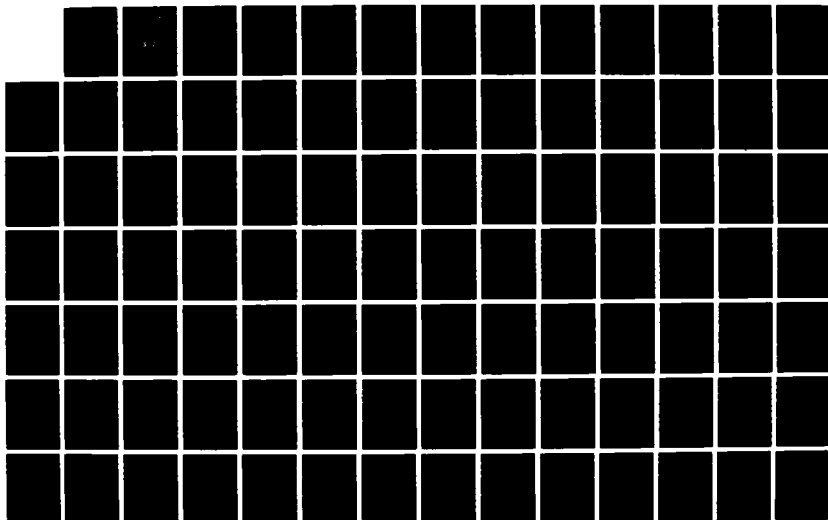
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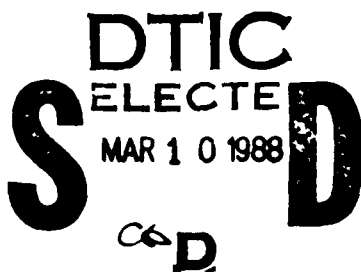


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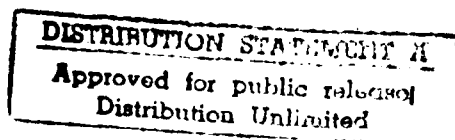
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# Bibliography of Soviet Laser Developments

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## BIBLIOGRAPHY OF SOVIET LASER DEVELOPMENTS

No. 79

SEPTEMBER - OCTOBER 1985

Date of Report

November 14, 1986

Vice Director for Foreign Intelligence  
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20. ABSTRACT This is the Soviet Laser Bibliography for September-October 1985, and is No. 79 in a continuing series on Soviet laser developments. The coverage includes basic research on solid state, liquid, gas, and chemical lasers; components; nonlinear optics; spectroscopy of laser materials; ultrashort pulse generation; crystal growing; theoretical aspects of advanced lasers; and general laser theory. Laser applications are listed under biological effects; communications systems; beam propagation; adaptive optics; computer technology; holography; laser- induced chemical reactions; measurement of laser parameters; laser measurement applications; laser-excited optical effects; laser spectroscopy; beam-target interaction; and plasma generation and diagnostics.		

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## INTRODUCTION

This bibliography has been compiled under an interagency agreement as a continuing effort to document current Soviet-bloc developments in the quantum electronics field. The period covered is September-October 1985, and includes all significant laser-related articles received by us in that interval. The bulk of the entries come from the approximately 30 periodicals which are known to publish the most significant findings in Soviet laser technology. Citations from the Soviet Reference Journals are also included. Laser items from the popular or semipopular press are generally omitted. All sources cited with no parenthetical notation are available at the Library of Congress. A parenthetical entry indicates the secondary source in which the citation was found as a bibliographic entry or abstract, but for which the original source is not currently available at the Library.

Since our computer is not now able to print between lines, superscripts and subscripts are indicated by (sup) and (sub).

We are now producing the entire bibliography on computer. To make our bibliography compatible with other data bases, we have converted the source abbreviations from our previous practice of those used in the Soviet Union to the letter codens generally used in our own government. Likewise, we have converted the affiliations designations from numbers to letter codens. The authors' affiliations are indicated in parentheses after the authors' names in the text. Empty parentheses indicate the affiliation was not given. A source abbreviations list, authors' affiliations list, and author index are included in the back of the bibliography.

# SOVIET LASER BIBLIOGRAPHY, SEPTEMBER - OCTOBER 1985

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## I. BASIC RESEARCH

### A. SOLID STATE LASERS

#### 1. Crystal

##### a. Miscellaneous

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##### c. LiF

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- d. Ho<sup>3+</sup>
- e. Tm<sup>3+</sup>

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##### b. Nd

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c. Er

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- c. Polymethine
- d. Coumarin
- e. Phthalimide
- f. Cyanine
- g. Xanthene
- h. POPOP

## 2. Inorganic Liquids

### C. GAS LASERS

#### 1. Theory

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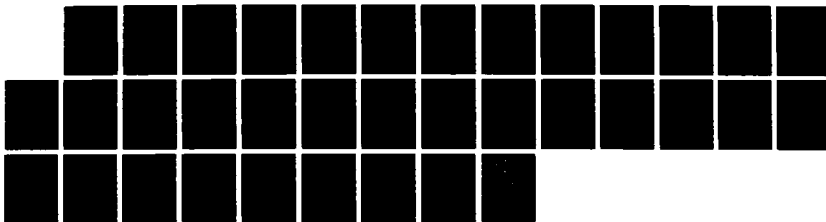
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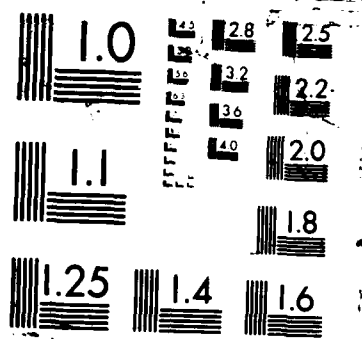
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#### IV. SOURCE ABBREVIATIONS

(Note: CTC = cover-to-cover translation available)

AKZHA	Akusticheskiy zhurnal (CTC)
APAHA	Acta physica academiae scientiarum hungaricae (now APHUE)
APHUE	Acta physica hungarica (Budapest) (formerly APAHA)
APYCA	Acta physica et chemica. Szeged
ATPLB	Acta physica polonica. Series A
AVMEB	Avtometriya (CTC)
BPBEE	Buletinul Institutului politehnic Gheorghe Gheorghiu-Dej, Bucuresti. Seria energetica
BWATA	Biuletyn Wojskowej akademii technicznej imeni Jaroslawa Dabrowskiego
CCCCA	Collection of Czechoslovak Chemical Communications (Prague)
CFJOBOQu	Fruehjahrsschule Optik: Beitrage zur Optik und Quantenelektronik
CMSPMEFE	Mezhinstitutskiy seminar: Primeneniye mikro-EVM v fizicheskom eksperimente
CMSVPIPP	Mezhduvedomstvennyy seminar-vystavka: Polucheniye, issledovaniye i primeneniye prozrachnoy segnetokeramiki
CRABA	Bolgarskaya akademiya nauk. Doklady (formerly: Bulgarska akademiya na naukite. Doklady)
CRKMUSKE	Respublikanskaya konferentsiya molodykh uchenykh po spektroskopii i kvantovoy elektroniki
CSUSSNPS	Simposium uchenykh sotsialisticheskikh stran po novym problemam spektroskopii

CVSFVZCh	Vsesoyuznoye soveshchaniye po fizike vzaimodeystviya zaryazhennykh chastits s kristallam
CVShYaFi	Vsesoyuznaya shkola po yadernoy fizike
CVSPEIMF	Vsesoyuznyy seminar: Progress eksperimental'nykh issledovaniy na mezonnoy fabrike IYaI AN SSSR
CZYPA	Czechoslovak Journal of Physics
DANKA	Akademiya nauk SSSR. Doklady (CTC)
DBLRA	Akademiya nauk BSSR. Doklady
DEFKA	Defektoskopiya (CTC)
DUKAB	Akademiya nauk Ukrayns'koy RSR. Dopovidi. Seriya A. Fiziko-matematychni ta tekhnichni nauki
EKNTB	Elektronika (Warsaw)
EKVZA	Elektrosvyaz' (CTC)
ELKTA	Elektrotekhnika (CTC)
ELVEA	Elektrotehniski vjesnik
EOBMA	Elektronnaya obrabotka materialov (CTC)
ETFMB	Akademiya nauk Estonskoy SSR. Izvestiya. Fizika, matematika
EXPPA	Eksperimentelle Technik der Physik
FGRTA	Feingeraetetechnik
FGVZA	Fizika goreniya i vzryva (CTC)
FIPLD	Fizika plazmy (Moskva, AN SSSR) (CTC)
FISZA	Fizikai szemle (Budapest)
FKSTD	Fizika i khimiya stekla (CTC)
FMBMA	Fiziko-matematichesko spisanie. Bulgarska akademiya na naukite

FTPPA	Fizika i tekhnika poluprovodnikov (CTC)
FTVTA	Fizika tverdogo tela (CTC)
FZELA	Fizicheskaya elektronika (sbornik, L'vov)
IAAFA	Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
IANFA	Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya (CTC)
IVNMA	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy (CTC)
IVUBA	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye (CTC)
IVUFA	Izvestiya vysshikh uchebnykh zavedeniy. Fizika (CTC)
IVUOA	Izvestiya vysshikh uchebnykh zavedeniy. Gornyy zhurnal
IVUSA	Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniye
IVUZH	Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVYRA	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika (CTC)
IZFMB	Akademiya nauk Moldavskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk
IZTEA	Izmeritel'naya tekhnika (CTC)
KHFID	Khimicheskaya fizika (CTC)
KHVKA	Khimiya vysokikh energiy (CTC)
KLMIA	Klinicheskaya meditsina
KNKTA	Kinetika i kataliz (CTC)
KRISA	Kristallografiya (CTC)
KRSFA	Kratkiye soobshcheniya po fizike (CTC)

KVEKA	Kvantovaya elektronika (journal, Moskva) (CTC)
KVELA	Kvantovaya elektronika (sbornik, Kiyev)
MKETA	Mikroelektronika (journal, Moskva) (CTC)
MSRGA	Messen, Steuern, Regeln (East Berlin)
MTOMA	Metallovedeniye i termicheskaya obrabotka metallov (CTC)
MTRLB	Metrologiya
NACHA	Nachrichtentechnik-Elektronik (GDR)
NASRD	Nauka v SSSR
OPAPB	Optica applicata (Poland)
OPMPA	Optiko-mekhanicheskaya promyshlennost' (CTC)
OPSPA	Optika i spektroskopiya (CTC)
OTIZD	Otkrytiya, izobreteniya
PAUKA	Pomiary, automatyka, kontrola
PFKMD	Poverkhnost'. Fizika, khimiya, mekhanika (Moskva)
PRSUB	Pribory i sistemy upravleniya (CTC)
PRTEA	Pribory i tekhnika eksperimenta (CTC)
PSSAB	Physica status solidi (A). Applied Research (GDR)
PSSBB	Physica status solidi (B). Basic Research (GDR)
PZTFD	Zhurnal tekhnicheskoy fiziki. Pis'ma (CTC)
RAELA	Radiotekhnika i elektronika (journal, Moskva) (CTC)
RATEA	Radiotekhnika (journal, Moskva) (CTC)
RRPQA	Revue Roumaine de Physique
RTKHA	Radiotekhnika (sbornik, Khar'kov)
RZETA	Rozprawy elektrotechniczne

RZFZA	Referativnyy zhurnal. Fizika
RZGFA	Referativnyy zhurnal. Geofizika
RZMKA	Referativnyy zhurnal. Mekhanika
RZRAB	Referativnyy zhurnal. Radiotekhnika
SAKNA	Akademiya nauk Gruzinskoy SSR. Soobshcheniya
SBBPA	Studia Universitatis Babes-Bolyai. Physica (Cluj)
SCEFA	Studii si cercetari de fizica
STALA	Stal
SUDOA	Sudostroyeniye (Leningrad)
TEHBA	Tehnika (Yugoslavia)
TKHMA	Tekhnika molodezhi
TKTEA	Tekhnika kino i televideniya
TVYTA	Teplofizika vysokikh temperatur (CTC)
UFNAA	Uspekhi fizicheskikh nauk (CTC)
UFZHA	Ukrainskiy fizicheskii zhurnal (CTC)
VANSA	Akademiya nauk SSSR. Vestnik (CTC)
VBSFA	Akademiya nauk Belorusskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
VKPRB	Kiyevskiy politekhnicheskii institut. Vestnik. Seriya radioelektronika
VMUFA	Moskovskiy universitet. Vestnik. fizika, astronomiya (CTC)
WZHMA	Wissenschaftliche Zeitschrift der Humboldt Universitaet zu Berlin. Mathematisch- naturwissenschaftliche Reihe (East Berlin)

ZAKHA	Zhurnal analiticheskoy khimii (CTC)
ZDBEA	Zdravookhraneniye Belorussii
ZETFA	Zhurnal eksperimental'noy i teoreticheskoy fiziki (CTC)
ZFPRA	Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma (CTC)
ZNOKA	Zhurnal neorganicheskoy khimii (CTC)
ZNPFa	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii (CTC)
ZPKHA	Zhurnal prikladnoy khimii
ZPMFA	Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki (CTC)
ZPSBA	Zhurnal prikladnoy spektroskopii (CTC)
ZTEFA	Zhurnal tekhnicheskoy fiziki (CTC)
ZUNBA	Zhurnal ushnykh, nosovykh i gorlovykh bolezney
ZVDLA	Zavodskaya laboratoriya (CTC)
ZVMFA	Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki (CTC)



## V. AUTHOR AFFILIATIONS

### AAO

Abastumanskaya astrofizicheskaya observatoriya  
AN GruzSSR  
Abastumani Astrophysical Observatory, Academy of  
Sciences Georgian SSR

### AFI

Astrofizicheskiy institut AN Kaz SSR  
Astrophysical Institute, Academy of Sciences Kazakh SSR

### API

Altayskiy politekhnicheskiy institut  
Altay Polytechnical Institute, Barnaul

### BGU

Belorusskiy gos universitet  
Belorussian State University

### DFTI

Donetskiy fiziko-tekhnicheskiy institut AN UkrSSR  
Donetsk Physicotechnical Institute, Academy of  
Sciences Ukrainian SSR

### FIAN

Fizicheskiy institut im Lebedeva AN SSSR  
Physics Institute imeni Lebedev, Academy of Sciences  
USSR, Moscow

### FIANKuy

Kuybyshevskiy filial Fizicheskogo instituta AN SSSR  
Kuybyshev Branch of the Physics Institute, Academy of  
Sciences USSR

### FTI

Fiziko-tekhnicheskiy institut im Ioffe AN SSSR  
Physicotechnical Institute im Ioffe, Academy of  
Sciences USSR, Leningrad

### FTIANTadzh

Fiziko-tekhnicheskiy institut AN TadzhSSR  
Physicotechnical Institute, Academy of Sciences  
Tadzhik SSR, Dushanbe

### GGU

Gor'kovskiy gos universitet  
Gor'kiy State University

### GOI

Gosudarstvennyy opticheskiy institut im Vavilova  
State Optical Institute imeni Vavilov, Leningrad

### IAE

Institut atomnoy energii im Kurchatova  
Institute of Atomic Energy imeni Kurchatov, Moscow

### IAESOAN

Institut avtomatiki i elektrometrii SOAN  
Institute of Automation and Electronic Measurements,  
Siberian Branch Academy of Sciences USSR

IBFiz  
 Institut biologicheskoy fiziki AN SSSR  
 Institut of Biological Physics, Academy of Sciences  
 USSR, Pushchino

IEANBel  
 Institut elektroniki AN BSSR  
 Institute of Electronics, Academy of Sciences  
 Belorussian SSR, Minsk

IED  
 Institut elektrodinamiki AN UkrSSR  
 Institute of Electrodynamics, Academy of Sciences  
 Ukrainian SSR

IEM  
 Institut eksperimental'noy meteorologii  
 Institute of Experimental meteorology, Obninsk

IFANB  
 Institut fiziki AN BSSR  
 Institute of Physics, Academy of Sciences  
 Belorussian SSR, Minsk

IFANBMO  
 Mogilevskiy filial Instituta fiziki AN BSSR  
 Mogilev Branch of the Institute of Physics,  
 Academy of Sciences Belorussian SSR

IFANLa  
 Institut fiziki AN LatSSR  
 Institut of Physics, Academy of Sciences Latvian SSR,  
 Salaspils

IFANLi  
 Institut fiziki AN LitSSR  
 Institute of Physics, Academy of Sciences Lithuanian SSR

IFANUK  
 Institut fiziki AN UkrSSR  
 Institute of Physics, Academy of Sciences Ukrainian SSR,  
 Kiev

IFI  
 Institut fizicheskikh issledovaniy AN ArmSSR  
 Institute of Physics Research, Academy of Sciences  
 Armenian SSR

IFPV  
 Institut fiziki poluprovodnikov AN LitSSR  
 Institute of Semiconductor Physics, Academy of Sciences  
 Lithuanian SSR, Vilnius

IFSOAN  
 Institut fiziki SOAN  
 Institute of Physics, Siberian Branch Academy of  
 Sciences USSR, Krasnoyarsk

IFTT  
 Institut fiziki tverdogo tela AN SSSR  
 Institute of Solid State Physics, Academy of  
 Sciences USSR, Chernogolovka

IFTTP  
 Institut fiziki tverdogo tela i poluprovodnikov AN BSSR  
 Institute of Solid State and Semiconductor Physics,  
 Academy of Sciences Belorussian SSR, Minsk

IFZ  
 Institut fiziki Zemli im Shmidta AN SSSR  
 Institute of Physics of the Earth imeni Shmidt,  
 Academy of Sciences USSR

IGM  
 Institut gidromekhaniki AN UkrSSR  
 Institute of Hydromechanics, Academy of Sciences  
 Ukrainian SSR, Kiev

IGU  
 Irkutskiy gos universitet  
 Irkutsk State University

IKAN  
 Institut kristallografii AN SSSR  
 Institute of Crystallography, Academy of Sciences  
 USSR, Moscow

IKhAN  
 Institut khimii AN SSSR  
 Institute of Chemistry, Academy of Sciences USSR,  
 Gor'kiy

IKhF  
 Institut khimicheskoy fiziki AN SSSR  
 Institute of Physics of Chemistry, Academy of Sciences  
 USSR, Chernogolovka

IKI  
 Institut kosmicheskikh issledovaniy AN SSSR  
 Institute of Space Research, Academy of Sciences USSR

IMET  
 Institut metallurgii im Baykova  
 Institute of Metallurgy imeni Baykov, Moscow

Informelektro  
 Tsentral'nyy NII informatsii i tekhniko-ekonomicheskikh  
 issledovaniy v elektrotekhnike  
 Central Scientific Research Institute of Information  
 and Technical Economic Research in Electric  
 Engineering, Moscow

INKhS  
 Institut neftekhimicheskogo sinteza AN SSSR  
 Institute of Petrochemical Synthesis, Academy of  
 Sciences USSR, Moscow

IOA  
 Institut optiki atmosfery SOAN  
 Institute of Atmospheric Optics, Siberian Branch  
 Academy of Sciences USSR

IOAN  
 Institut okeanologii AN SSSR  
 Institute of Oceanography, Academy of Sciences  
 USSR, Moscow

IOF  
 Institut obshchey fiziki AN SSSR  
 Institute of General Physics, Academy of Sciences  
 USSR, Moscow

IONKh  
 Institut obshchey i neorganicheskoy khimii  
 im Kurnakova AN SSSR  
 Institute of General and Inorganic Chemistry imeni  
 Kurnakov, Academy of Sciences USSR, Moscow

IPANUk  
 Institut poluprovodnikov AN UkrSSR  
 Institute of Semiconductors, Academy of Sciences  
 Ukrainian SSR, Kiev

IPF  
 Institut prikladnoy fiziki AN SSSR  
 Institute of Applied Physics, Academy of Sciences  
 USSR, Gor'kiy

IPFANM  
 Institut prikladnoy fiziki AN MSSR  
 Institute of Applied Physics, Academy of Sciences  
 Moldavian SSR, Kishinev

IPM  
 Institut prikladnoy matematiki AN SSSR  
 Institute of Applied Mathematics, Academy of Sciences  
 USSR

IPMe  
 Institut problem mekhaniki AN SSSR  
 Institute of Problems of Mechanics, Academy of Sciences  
 USSR, Moscow

IPMekh  
 Institut prikladnoy mekhaniki AN SSSR  
 Institute of Applied Mechanics, Academy of Sciences USSR

IPPM  
 Institut prikladnykh problem mekhaniki i matematiki  
 AN UkrSSR  
 Institute of Applied Problems in Mechanics and  
 Mathematics, Academy of Sciences Ukrainian SSR, L'vov

IPTMOM  
 Institut problem tekhnologii mikroelektroniki i  
 osobochistykh materialov AN SSSR  
 Institute for Problems of the Technology of  
 Microelectronics and Extra Pure Materials, Academy of  
 Sciences USSR, Chernogolovka

IRE  
 Institut radiotekhniki i elektroniki AN SSSR  
 Institute of Radioengineering and Electronics, Academy  
 of Sciences USSR, Moscow

IRFEANUK  
 Institut radiofiziki i elektroniki AN UkrSSR  
 Institute of Radiophysics and Electronics, Academy of  
 Sciences Ukrainian SSR

ISAN  
 Institut spektroskopii AN SSSR  
 Institute of Spectroscopy, Academy of Sciences USSR

ISE  
 Institut sil'notochnoy elektroniki SOAN  
 Institute of High-Current Electronics, Siberian Branch  
 Academy of Sciences USSR, Tomsk

ITEF  
 Institut teoreticheskoy i eksperimental'noy fiziki  
 Institute of Theoretical and Experimental Physics, Moscow

ITeFUK  
 Institut teoreticheskoy fiziki AN UkrSSR  
 Institute of Theoretical Physics, Academy of Sciences  
 Ukrainian SSR, Kiev

ITF  
 Institut teplofiziki SOAN  
 Institute of Thermophysics, Siberian Branch Academy of  
 Sciences USSR, Novosibirsk

ITMO  
 Institut teplo- i massoobmena AN BSSR  
 Institute of Heat and Mass Exchange, Academy of Sciences  
 Belorussian SSR

ITPM  
 Institut teoreticheskoy i prikladnoy mekhaniki SOAN  
 Institute of Theoretical and Applied Mechanics, Siberian  
 Branch Academy of Sciences USSR, Novosibirsk

IVTAN  
 Institut vysokikh temperatur AN SSSR  
 Institute of High Temperatures, Academy of Sciences USSR

IYaFANUZ  
 Institut yadernoy fiziki AN UzSSR  
 Institute of Nuclear Physics, Academy of Sciences  
 Uzbek SSR, Ulugbek

IYaFSOAN  
 Institut yadernoy fiziki SOAN  
 Institute of Nuclear Physics, Siberian Branch Academy of  
 Sciences USSR, Novosibirsk

IYaIAN  
 Institut yadernykh issledovaniy AN SSSR  
 Institute of Nuclear Research, Academy of Sciences  
 USSR, Moscow

IZMIRAN  
 Institut zemnogo magnetizma, ionosfery i  
 rasprostraneniya radiovoln AN SSSR  
 Institute of Terrestrial Magnetism, the Ionosphere  
 and Radiowave Propagation, Academy of Sciences USSR

KabbalkGU  
 Kabardino-Balkarskiy GU  
 kabardino-Balkarskian State University, Nal'chik

KaGU  
     Kazanskiy gos universitet  
     Kazan' State University  
 KalinGU  
     Kalininskiy gos universitet  
     Kalinin State University  
 KeGU  
     Kemerovskiyy gos universitet  
     Kemerov State University  
 KGU  
     Kiyevskiy gos universitet  
     Kiev State University  
 KhGU  
     Khar'kovskiy gos universitet  
     Khar'kov State University  
 KIYaI  
     Institut yadernykh issledovaniy AN UkrSSR  
     Institute of Nuclear Research, Academy of  
     Sciences Ukrainian SSR, Kiev  
 KPIA  
     Kiyevskiy politekhnicheskii institut  
     Kiev Polytechnic Institute  
 KuAI  
     Kuybyshevskiy aviatsionnyy institut  
     Kuybyshev Aviation Institute  
 LatGU  
     Latviyskiy gos universitet  
     Latvian State University  
 LETI  
     Leningradskiy elektrotekhnicheskii institut  
     Leningrad Electric Engineering Institute  
 LGU  
     Leningradskiy gos universitet  
     Leningrad State University  
 LIAP  
     Leningradskiy institut aviatsionnogo priborostroyeniya  
     Leningrad Institute of Aviation Instrument Manufacture  
 LITMO  
     Leningradskiy institut tochnoy mekhaniki i optiki  
     Leningrad Institute of Precision Mechanics and Optics  
 LIYaF  
     Leningradskiy institut yadernoy fiziki im B.P.  
     Konstantinova, AN SSSR  
     Leningrad Institute of Nuclear Physics imeni B.P.  
     Konstantinov, Academy of Sciences USSR, Leningrad  
 LNIVTs  
     Leningradskiy NI vychislitel'nyy tsentr AN SSSR  
     Leningrad Scientific Research Computer Center,  
     Academy of Sciences USSR

LPI  
 Leningradskiy politekhnicheskii institut  
 Leningrad Polytechnic Institute  
 LSGMI  
 Leningradskiy sanitarno-gigiyenicheskii  
 meditsinskiy institut  
 Leningrad Medical Institute of Public Health  
 LvGU  
 L'vovskiy gos universitet  
 L'vov State University  
 MAI  
 Moskovskiy aviatsionnyy institut  
 Moscow Aviation Institute  
 MarGU  
 Mariyskiy GU  
 Mari State University, Yoshkar-Ola  
 MATI  
 Moskovskiy aviatsionnyy tekhnologicheskii institut  
 Moscow Aviation Technical Institute  
 MEI  
 Moskovskiy energeticheskii institut  
 Moscow Power Engineering Institute  
 MEIS  
 Moskovskiy elektrotekhnicheskii institut svyazi  
 Moscow Electrotechnical Institute of Communications  
 MFTI  
 Moskovskiy fiziko-tekhnicheskii institut  
 Moscow Physicotechnical Institute  
 MGU  
 Moskovskiy gos universitet  
 Moscow State University  
 MIET  
 Moskovskiy institut elektronnoy tekhniki  
 Moscow Institute of Electronic Engineering  
 MIFI  
 Moskovskiy inzhenerno-fizicheskii institut  
 Moscow Engineering Physics Institute  
 MIIT  
 Moskovskiy institut inzhenerov zheleznodorozhnogo  
 transporta  
 Moscow Institute of Railroad Transport Engineers  
 MinGMI  
 Minskiy gos meditsinskiy institut  
 Minsk State Medical Institute  
 MIREA  
 Moskovskiy institut radiotekhniki, elektroniki i  
 avtomatiki  
 Moscow Institute of Radio Engineering, Electronics  
 and Automation

MKhTI  
 Moskovskiy khimiko-tekhnologicheskii institut  
 im Mendeleyeva  
 Moscow Institute of Chemical Technology imeni  
 Mendeleyev

MRI  
 Minskiy radiotekhnicheskii institut  
 Minsk Radio Engineering Institute

NEIS  
 Novosibirskiy elektrotekhnicheskii institut svyazi  
 Novosibirsk Electrotechnical Institute of Communications

NETI  
 Novosibirskiy elektrotekhnicheskii institut  
 Novosibirsk Electrical Engineering Institute

NIFKhI  
 NI fiziko-khimicheskii institut im Karpova  
 Scientific Research Institute of Physicochemistry  
 imeni Karpov

NIIBIKhS  
 NII po biologicheskim ispytaniyam khimicheskikh  
 soyedineniy  
 Scientific Research Institute for Biological Tests  
 of Chemical Compounds, Kupavna, Moscow Region

NIIFKS  
 NII fiziki kondensirovannykh sred Yerevanskogo  
 gos universiteta  
 Scientific Research Institute of the Physics of  
 Condensed Media of Yerevan State University

NIIFL  
 NII fiziki pri Leningradskom gos universitete  
 Scientific Research Institute of Physics at Leningrad  
 State University

NIIFOd  
 NII fiziki Odesskogo gos universiteta  
 Scientific Research Institute of Physics  
 of Odessa State University

NIIFRGU  
 NII fiziki Rostovskogo gos universiteta  
 Scientific Research Institute of Physics of  
 Rostov State University

NIIFTT  
 NII fiziki tverdogo tela Latviyskogo GU  
 Scientific Research Institut of Solid State Physics  
 of the Latvian State University, Riga

NIIGAik  
 Novosibirskiy institut inzhenerov geodezii,  
 aerofotos"yemki i kartografii  
 Novosibirsk Institute for Engineers of Geodesy,  
 Aerial Surveying and Cartography



NIIMPS

NII meditsinskikh problem Severa SO AMN SSSR  
Scientific Research Institute of Medical  
Problems of the North, Siberian Branch  
Academy of Medical Sciences USSR

NIIYaF

NII yadernoy fiziki pri Moskovskom gos universitete  
Scientific Research Institute of Nuclear Physics at  
Moscow State University

NIIYaFEA

NII yadernoy fiziki, elektroniki i avtomatiki pri  
Tomskom politekhnicheskoye institut  
Scientific Research Institute of Nuclear Physics,  
Electronics and Automation at Tomsk Polytechnic  
Institute

NIIYaFT

NII yadernoy fiziki Tomskogo politekhnicheskoy  
instituta  
Scientific Research Institute of Nuclear Physics  
of Tomsk Polytechnic Institute

NITsTLAN

NI tsentr po tekhnologicheskim lazeram AN SSSR  
Scientific Research Center for Industrial Lasers,  
Academy of Sciences USSR

NSPGAN

Nauchnyy sovet AN SSSR po probleme "Golografiya"  
Scientific Council on Holography, Academy of Sciences USSR

OIYaI

Ob"yedinennyy institut yadernykh issledovaniy  
Joint Institute of Nuclear Research, Dubna

RRTI

Ryazanskiy radiotekhnicheskoye institut  
Ryazan' Radio Engineering Institute

SAO

Spetsial'naya astrofizicheskaya observatoriya  
AN SSSR  
Special Astrophysical Observatory, Academy of  
Sciences USSR

SGI

Sverdlovskiy gornyy institut  
Sverdlovsk Mining Institute

SKBAPNTO

Spetsial'noye konstruktorskoye byuro analiticheskogo  
priborostroyeniya Nauchno-tekhnicheskogo obshchestva  
AN SSSR  
Special Design Bureau for Analytical Instrument  
Manufacture of the Scientific and Technical  
Society, Academy of Sciences USSR

SMI

Smolenskiy gosudarstvennyy meditsinskiy institut  
Smolensk State Medical Institute

TashGU  
 Tashkentskiy gos universitet  
 Tashkent State University  
 ToPI  
 Tomskiy politekhnicheskiy institut  
 Tomsk Polytechnic Institute  
 TsNIIE  
 Tsentral'nyy NII "Elektronika"  
 "Elektronika" Central Scientific Research Institute,  
 Moscow  
 TsNIIGAik  
 Tsentral'nyy NII geodezii, aerofotos"yemki i kartografii  
 Central Scientific Research Institute of Geodesy, Aerial  
 Photography and Cartography, Moscow  
 TsNIIKIF  
 Tsentral'nyy NII kurortologii i fizioterapii Ministerstva  
 zdravokhraneniya SSSR  
 Central Scientific Research Institute of Health Resort  
 Treatment and Physiotherapy, USSR Ministry of Health  
 TsNIIMTMash  
 Tsentral'nyy NII materialov i tekhnologii  
 tyazhelogo i transportnogo mashinostroyeniya  
 Central Scientific Research Institute of  
 Materials and Technology for Heavy and  
 Transportation Machine Building, Sverdlovsk  
 TyUGU  
 Tyumenskiy gos university  
 Tyumen State University  
 UDN  
 Universitet druzhby narodov im Lumumby  
 University of Friendship Among Peoples  
 imeni Lumumba, Moscow  
 UkrIIVKh  
 Ukrainskiy institut inzhenerov vodnogo khozyaystva  
 Ukrainian Institute of Water Management Engineers, Rovno  
 UkrNIINTI  
 Ukrainskiy NII nauchno-tekhnicheskoy informatsii i  
 tekhniko-ekonomicheskikh issledovaniy Gosplana  
 UkrSSR  
 Ukrainian Scientific Research Institute of Scientific  
 and Technical Information and of Technical Economic  
 Studies for the State Plan of the Ukrainian SSR, Kiev  
 UralNIITP  
 Ural'skiy NII trubnoy promyshlennosti  
 Ural Scientific Research Institute of the  
 Pipe Industry  
 UrPI  
 Ural'skiy politekhnicheskiy institut  
 Ural Polytechnical Institute, Sverdlovsk

UzhGU  
 Uzhgorodskiy gos universitet  
 Uzhgorod State University

VGI  
 Vysokogornyy geofizicheskiy institut  
 High-Altitude Geophysical Institute, Nal'chik

VilGU  
 Vil'nyusskiy gos universitet  
 Vilnius State University

VINITI  
 Vsesoyuznyy institut nauchnoy i tekhnicheskoy  
 informatsii  
 All-Union Institute of Scientific and Technical  
 Information, Moscow

VMI  
 Voroshilovgradskiy mashinostroitel'nyy institut  
 Voroshilovgrad Machine Building Institute

VNIFTRI  
 VNII fiziko-tekhnicheskikh i radiotekhnicheskikh  
 izmereniy  
 All-Union Scientific Research Institute of Physico-  
 technical and Radiotechnical Measurements, Moscow

VNIINP  
 VNII po pererabotke nefti  
 All-Union Scientific Research Institute  
 of Oil Refining, Moscow

VNIISV  
 VNII sinteticheskikh volokon  
 All-Union Scientific Research Institute of  
 Synthetic Fibers, Kalinin

VNIITEMR  
 VNII informatsii i tekhniko-ekonomicheskikh  
 issledovaniy po mashinostroyeniyu i rabototekhnike  
 Ministerstva stankostroitel'noy i instrumental'noy  
 promyshlennosti  
 All-Union Scientific Research Institute of Information  
 and Technical Economic Studies on Machinebuilding  
 and Robotics, Ministry of the Machine Tool and  
 Instrument Industry, Moscow

VNIYaGG  
 VNII yadernoy geofiziki i geokhimii  
 All-Union Scientific Research Institute of Nuclear  
 Geophysics and Geochemistry, Moscow

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BORISENOK N I	52	CHARUKHCHEV A V	28	DEKANOZISHVILI G G	53
BORISKEVICH A A	51	CHAZOV YE I	36	DEMCHENKO N N	87,89
BORISOV A V	36	CHEBOTAYEV V P	25,56,71	DEMCHUK M I	6
BORISOV V A	59	CHEBURKIN N V	10,46	DEMENT'YEV A S	31
BORISOV V M	14	CHEGOTOV M V	31	DEMGIN V N	13
BORISOV YE N	67	CHEKHLOV O V	5	DEMOCHKO YU A	79
BORKINA G YU	37	CHEKMAREV A M	87	DEM'YANOV A V	11
BORKOVA V N	72	CHEKMAREV V M	21	DEM'YANTSEVA S D	23
BORKOWSKA A	23	CHEPILKO A G	26	DENISKIN S A	63
BORODIN I P	79	CHERNEVSKAYA E G	21	DENISOV L K	73
BORODIN V G	46	CHERNIKOV I A	22	DENISOV V I	72
BORODINA L V	64	CHERNOBROD B M	72	DENISOV V N	73
BORSHCH A A	67	CHERNOV S A	84	DENISOV YU N	8
BORZECKI M	10	CHERNYAYEVA YE B	36	DENISYUK YU N	90
BOUTIN J G	20	CHERNYKH D F	60	DENUS S	88
BOYARSKIY K K	46	CHERNYKH V A	40	DERBISALIN M A	47,92
BOYKO B B	5	CHERNYSHEV A P	40	DERKACH V N	17
BOYKO S A	27	CHERNYSHOV YE E	52	DERZHIYEV V I	8
BOYKO V V	10	CHERTANOV S P	58	DEVDAIANI A Z	66
BRAGIN M A	36	CHESNULYAVICHYUS Y Y	7	DEVYATYKH G G	38
BRATIVNIK YE V	82	CHETVERUSHKIN B N	86	DEYEV L YE	56
BRAYERSKAYA V I	85	CHIGIREV A N	40	DIANOV YE M	33,37,38,39
BRAZOVSKAYA N V	44	CHIKISHEV A	36	DIDENKO A N	87
BRAZOVSKIY V YE	44	CHILINGARYAN YU S	24	DIDENKO A YA	67
BRITOV A D	75	CHILLAG L	68	DIK V P	44
BRODIN M S	67	CHIRAKADZE A A	58	DIKOV YU P	47
BRODZELI M I	53	CHIRKIN M V	89	DINESCU M	83
BROUN L M	36	CHIRTOC M	4	DINEV D	88
BRUECKNER V	66	CHISLER E V	73	DMITRIYEV A K	9
BRUNKE W	41	CHISTYAKOV A	59	DMITRIYEV A YE	34
BRUY V P	53	CHISTYAKOV A A	66	DMITRIYEV N I	50
BRUY YE B	52	CHMEL' A YE	84	DNEPROVSKIY V S	25
BRYSKIN V Z	52	CHOJNACKA A	10	DOBROV G S	38
BRYUKOV M G	12	CHUBAROV M S	63	DOBROVOL'SKIS Z P	58
BUACHIDZE Z E	39	CHUBRIK N I	78	DOBRZHANSKIY G F	73
BUBNOV M M	37	CHUKANOV O P	65	DOLGIKH V A	12
BUDAK V P	46	CHUKHROV A S	22	DOLININA V I	11
BUDZULYAK I M	85	CHUKIN G D	77	DOLNY A	49
BUKIN O A	46	CHUPAZHIN V N	51	DOMBROVSKIY V V	22
BULANIN M O	70,72	CHUPLANOV A N	40	DOMELUNKSEN V G	17
BULANIN V V	87	CHUPRYNA V A	32,57	DOMORYAD I A	59
BULDAKOV V M	46	CHURAKOV V V	11,73	DONSKOY YE I	74
BULYSHEV A YE	72	CHURBANOV M F	38	DOROFEYEV I A	8
BUNKIN A F	72	CHVYALEVA L V	78	DOROFEYEV O A	31
BUNKIN F V	8,82	CHVYREV I M	39	DOVCHENKO N K	39
BURAKOV V A	82	COJOCARU E	87,88	DOVGII YU O	53
BURAKOVA N M	82	COSMA B T	12	DOVZHENKO A V	81
BURBAYEV T M	85	CSILLAG L	10	DRAZEK W	12
BURGHOFF U	19,38,63	CSOMOR R	58	DROKIN A I	22
BURIMOV V N	56			DRYAPIKO N K	66
BURLAK G N	32	DADARLAT D	4	DUBETSKIY B YA	25,67
BURLIKOWSKI R	39	DALAKISHVILI G L	60	DUBOVSKIY P YE	11
BURMISTROV A V	82	DAMIAN V	58	DUBROV M N	58
BUSS W	23	DANILEVICH O I	85	DUBYANSKIY V A	12
BUSURIN V I	59	DANILEYKO M V	9	DUMAREVSKIY YU D	38
BUTUSOV M M	37,39	DANILEYKO YU K	84	DUMBRAVYANU R V	70

DVOFFINA M I	36	FURTSSEV V G	48	GORBUNOV L M	25
D'YACHENKO V F	88	FURZIKOV N P	36	GORDIYENKO V N	40
D'YACHKOV P I	80	FURZIKOV N P	56	GORDON YE B	15
DYAD'KIN A P	13	FUZESSY Z	59,60	GORELENKO A YA	6
DYANCOV G L	38			GORELENOK A T	4
DYCHKOV A S	71	GABIBOV F S	56	GORELIK D O	47
DYKMAN M I	27	GAFIYCHUK V V	85	GORELIK V S	70,73
DYMSHAKOV V A	80,88	GALKIN S L	37	GORELOVA YE L	44
DYUBA V M	36	GALKINA N B	44	GORNIC G	58
DYULAI I	78	GALKINA T I	69	GOROBCHENKO A A	22
DZHAPIASHVILI V P	60	GAL'PERN A D	53	GORODECHNYY B V	23
DZHUN' I V	60,64	GALUMYAN A S	72	GORODETSKAYA O G	75
DZMURAN P	80	GAMALIY V F	71	GORODETSKIY I YA	58
DZWIGALSKI Z	10	GAMALIY YE G	87	GOROKHOV A A	28
DZYUBENKO M I	18	GANGRSKIY YU P	73	GORYACHEV B V	45
		GANZHERLI N M	60	GRANSKIY P V	70
EBEPKIN D	41	GAPONENKO S V	67	GRASYUK A Z	8
ECKAPET P	21	GAPONOV S V	86	GRAVCHIKOV A S	2
EFENDIYEV T SH	6, 7,33	GAPONOV-GREKHOV A V	90	GREBENYUK YE I	64
EM A S	86	GAPOTCHENKO N I	17	GREBNEV A A	64
ENGELAGE P	39	GARBUTOV D Z	4	GRIBKOVSKIY V P	67
ERPEET G	3	GARYAGDYEV G	58	GRIDNEV V N	40
ETSIN S S	64	GASHIMZADE F M	70	GRIGORYAN G L	24
		GASHAP V YE	85	GRIGORYAN V G	24
FADEYEV A V	86	GASPARYAN S S	90	GRIGOR'YEV I S	53
FADEYEV V V	49	GASS A N	70	GRIGOR'YEV YU A	67
FALK H	76	GATEVA S V	9	GRIMAL'SKIY V V	32
FAL'Y KH	76	GAUBAS E	69	GRIMBLATOV V M	19
FAM CIA M E	76	GAVRIKOVA N N	13	GRINCHENKO B I	34
FAPADZHIY B G	24	GAVRILENKO V N	7	GRINCHUK V A	67
FASOLD D	39	GAVRILOV S P	17	GRINEV A YU	53
FAVORSEY A P	87	GAVRILOV V V	84	GRINKEVICH V E	1
FAYZULOV T F	70	GAYDAY YU A	81	GRINSHTEYN M L	40
FEDENEYEV A V	8	GAYDIDEY YU B	28	GRISHINA N V	20
FEDORCHENKO A M	29	GEKKER I R	58	GRISHINA S P	67
FEDOROV A A	12	GEORGOBIANI A N	85	GRITSININ S I	17
FEDOROV B N	44	GERASIMCHUK A G	11	GROMOVOY YU S	68
FEDOROV S YE	74	GEPASIMOV B P	25	GROZHIC V A	6
FEDOROV V B	21	GERASIMOV M V	47	GROZNOV M A	23
FEDOROV V B	89	GERAS'KO YU V	8	GRUBER H	83
FEDOROVA O M	84	GILEL'S A M	53	GRUDIN O M	44
FEDOROVICH V YU	68	GINAK S N	60	GRUZDOV V G	4
FEDOSOV A I	63	GINZBURG S L	88	GUBANOV V A	71
FEDOSOV V P	47	GITSU D V	21	GUBAREV A V	14
FEDULEYEV P V	61	GIZATULIN SH KH	14	GUDKOV A N	88
FEDULOV V M	53	GLADIKH V V	39	GUETHER R	19
FEDYANIN A O	87	GLADUSH G G	80,92	GUHR B	21
FEKESHGAZI I V	20,28	GLAS P	3	GUL'BINAS V	7
FEL'DMAN A I	63	GLASER W	39	GULIN A V	57
FEOKTISTOV V A	87	GLEBOV L B	5,80,84	GUMENNYI S A	5
FERANCHUK I D	34	GLEBOV L S	71	GURASHVILI V A	11
FILIMONOVA L M	43	GLYADKOVSKIY V I	74	GUREVICH S B	55,60,90
FILIPPOV A V	38	GNATOVSKIY A V	50	GUREVICH V Z	28
FILIPPOV S S	10,46	GOLDINA N D	20	GUR'YANOV A N	37,38
FINKEL'SHTEYN V YU	25	GOL'DORT V G	56	GURZAN M I	48
FIRSOV E N	34,86	GOLENISHCHEV-KUTUZOV A V	49	GUSAKOV G M	86
FIRSOV V A	53	GOLOVASHKIN A I	80	GUSAROVA T V	64
FISCHEP P	45	GOLOVLEV V V	69	GUSEV M YU	20
FOLDES I B	87	GOLUBEV A D	56	GUS'KOV S YU	87
FOMENKOV I V	89	GOLUBEV G P	25	GUS'KOVA M S	60
FOMICHEV B N	39	GOLUBEV P G	2	GUSOVSKIY D D	38
FOMIN N A	56	GOLUBEV V G	66	GUTIN M A	12
FOMIN V A	13	GOLUBKOVA M N	20	GUTOROV M M	47
FORBPIC P	37	GOLUBNICHYI P I	49	GUTOV G S	56
FOYCEL' M G	69	GONCHARENKO A M	40	GUTYANTOV S V	20
FRADKOV A B	80	GONCHARENKO V P	82	GUZHEVSKAYA A V	43
FRANTSESSON A V	42	GONCHAROV V K	83	GVOZDOVSKIY I V	44
FRIDLYANDER I N	21	GONOV S ZH	85	GYEMANT I	25
FRIDMAN P A	65	GORASHCHENKO N G	33	GYIMESI F	60
FRIDNEV V N	43	GORBACHEV M N	18	GYULAI I	78
FRITZCHE K	83	GORBAN' I S	71		
FRLOV YU G	75	GORBAN' S I	20		
FROMM V A	80	GORBUNOV A A	81		

HAENSCH G	21	KABESHEV V D	40	KERSTAN F	66
HANSSKE A	42	KACHINSKIY A V	5	KEVORKOV A M	1
HARSANY A	83	KADAN V N	67	KHABIBULINA L R	69
HARTWIG P	3	KADYRAKUNOV K B	85	KHABIBULLAYEV P K	82
HEBLING J	6	KALBARCZYK A	10,88	KHALTAKOV I V	15
HEJJAS I	58	KALENT'YEV V A	1	KHANOV V A	91
HELDT J R	73	KALINICHENKO L F	19	KHAPALYUK A P	16
HERRMANN K	78	KALININ A N	60	KHARLAMOV B M	69
HERRMANN R	57	KALININA I V	53	KHASANOV I SH	86
HEVESI I	80	KALININA O D	19	KHASENOV M U	14
HNATOWICZ V	80	KALITEYEVSKIY N I	74	KHASHIMOV R N	70,73
HOFFMANN M	41	KALITIN S P	1	KHATTATOV V U	78
HORAK M	78	KALMYKOV I V	40	KHAYDAROV A V	37
		KALNIN'SH A YA	42	KHAYTBAYEV K	87
IBRAGIMOV SH SH	14	KALOSHA I I	6	KHIMENKO M V	85
IBRAYEV R A	86	KALUGINA T I	80	KHIZHNYAK A I	62
IGNACZ P N	87	KAMALOV V F	36	KHIZHNYAK S M	14
IGNATKOV V D	57	KAMENCHUK A I	20	KHIZHNYAKOV V	26
IGNATOV A V	59	KAMENCHUK N V	20	KHODATAYEV K V	88
IGNAT'YEV S V	38	KANAVIN A P	86	KHOKONOV KH B	90
IGNAT'YEV V G	31	KANAYEV A V	15	KHOLBAYEV A	87
IGOSHIN V I	80	KANDAUROV A S	2	KHOLODNYKH A I	22
IKRAMOV G I	90	KANDIDOV V P	48	KHOMA M M	48
IL'IN A I	80	KAPAYEV V V	86	KHOMCHIK L M	35
IL'IN N A	14	KAPENIYEKS A E	26	KHOMICH A V	67
IL'INSKAYA N D	4	KAPITSKIY YU YE	31	KHOROSHILOVA YE V	56
IL'INSKAYA T A	62	KAPLUN M G	63	KHRISTOV KH G	15
IL'YUSHKO V G	8	KAPTSOV L N	22	KHRYASHCHEV L YU	17,46
IMAS YA A	82	KAPUSTA O I	70	KHRYASHCHEVA A V	17
IONIN A A	12	KARABAN' V I	83	KIM I S	20
IRIMESCU D	25,29	KARABUT E K	8	KIMEL'FEL'D YA M	71
IRISOVA K N	77	KARABUTOV A A	32,57	KIPSHAKBAYEV A I	11
IRODOV YE I	10	KARAMALIYEV R A	45	KIRILLOV V I	40
ISAYEV A A	13,81	KARAMAN YE N	37	KIRILLOV YU F	56
ISAYEV V I	21,22	KARASEV A V	13	KIRIYENKO G A	47,92
ISHCHENKO YE F	57	KARASIK A YA	33	KIRKIN A N	69
ISMAILOV I	4	KARAVANSKIY V A	39	KIRKOV V I	83
ISPIRYAN K A	25	KARFIDOV D M	87	KIRYUKHIN YU B	14
IVANCHENKO A I	10	KARKASHADZE D D	58	KISELEV D F	90
IVANENKO M M	11,73	KARLOV N V	88	KISELEV S N	40
IVANENKO S G	86	KARNAUKHOV YE N	76	KISELEV V A	41
IVANOV A P	44	KARPENKO A N	81	KISELEV V M	12
IVANOV A V	22,29,53	KARPOV A V	60	KISH G	78
IVANOV E I	73	KARPOV S YU	3	KISHKURNO N A	6
IVANOV L I	83	KARPUKHINA L I	36	KISS G	78
IVANOV M B	21	KARTALEVA ST S	9	KITAYEVA V F	68
IVANOV V S	16	KARTHE W	23	KITYK I V	53
IVANOV V V	43,74	KARU T Y	36	KIYACHENKO YU F	60
IVANOV YE K	47	KARUZSKIY A L	80	KIYAK S G	85
IVANOV YU L	3	KASHCHEYEVA G A	64	KLEMENT'YEV V G	57
IVANOV-OMSKIY V I	66	KASHKAROV P K	68	KLEYMAN I S	50
IVANOVA L N	36	KASHPAROV V A	88	KLIBANOV M V	46
IVANOVA N A	26	KASPRZAK H	55	KLIGER G A	71
IVANOVA YE A	42	KAS'YAN V G	13	KLIM B P	61
IVASHCHENKO M I	45	KATARKEVICH V M	33	KLIMASHINA A G	7
IVASHKIN P I	5	KATSAUROV L N	85	KLIMENKO I S	61
IVCHENKO YE L	31	KATSAVETS N I	23	KLIMIN S A	70
IVLEV V I	50	KATUSHKINA N V	60	KLIMKIN V F	61
IWANEJKO L	10	KAUL' B V	47,92	KLIMKOV YU M	57
IZOTOV A N	31	KAZAK N S	7	KLIMOV S A	54
IZYUMOV S V	11	KAZAKOV A YA	64	KLIMZO E F	52
		KAZAKOV S A	13	KLIOT-DASHINSKAYA I M	52
JANKIEWICZ Z	2	KAZAKOV V V	13	KLITZKE K	41
JANOSSY M	10	KAZANSKIY P G	40	KLOCHKOV V P	22,45,47,61
JANULEWICZ K	10	KAZANTSEV A P	25,67		64,74,90
JAWORSKI K	10	KAZARYAN M A	28,58,81	KLOKISHNER S I	1
JELINKOVA H	80	KAZARYAN R A	90	KNYAZ'KOV A V	22,53,54
JEMIN W I	38	KAZILIN YE YE	83	KOCH E O	21
JEROMINEK H	40	KEDA G A	1	KOCHANOV V F	59
		KELOGLU O YU	71	KOCHELAP V A	15,16,26
KABANOV I S	26	KERIMOV A A	40	KOCHETOV I V	11,14
KABANOVA V G	26	KERIMOV O I	14	KOEFRE G Z	6
KABELKA V	7,30,48,78	KERIMOV O M	12	KOGAN M N	82

KOKHANENKO G P	48	KOTOVA S P	51	KUDRYASHOVA G S	75
KOKHANOVSKIY S A	70	KOTOWSKI T	6	KUKHTAREV N V	69
KOLBENKOV V A	47	KOTSARENKO N YA	32	KUKUSHKIN V G	6
KOL'CHENKO A P	12	KOVAL'CHUK YU V	4	KULAGIN O V	50
KOLESNIK A S	32	KOVALENKO S A	74	KULAK G V	32
KOLESNIK A V	83	KOVALENKO S YE	15	KULAKOV M P	86
KOLESOV G V	57,60	KOVALENKO V F	66	KULAKOV YE V	37
KOLIKOV V M	60	KOVALEV A A	6	KULAKSUZOV P I	18
KOLIN'KO V G	65	KOVALEV A S	87	KULIKOV S M	35
KOLOBANOV V N	53	KOVALYUK Z D	25	KULIPANOV G N	81
KOLOBASHKIN V M	88	KOVARSKIY V A	68,71	KULISH N R	57
KOLOBRODOV V G	74	KOVSH I B	11	KUL'MINSKIY A M	44
KOLOMIYETS B T	59	KOVTONYUK N F	38	KULYAK I P	37
KOLOSHNIKOV V G	72,75	KOVTUN A V	72	KUMYKOV KH K	49
KOLPAKOVA I V	18	KOZACHOK A G	91	KUNDZIN'SH M A	26,27,42
KOL'TSOV I M	62	KOZHEVNIKOV I V	21	KUPRIYANOVA YE B	87
KOLYADIN A I	60	KOZICH V P	2	KURAMATOV D	87
KONDRASHOV V N	88	KOZIN G I	45	KURATEV I I	1, 5
KONIN K P	67	KOZINTSEV V I	47	KURBATOV V A	85
KONONOV N N	88	KOZLOV G I	16	KURITSYN YU A	75
KONONOV V A	1	KOZLOV L F	45,47,61,90	KURKHULI G V	60
KONOPEL'KO L A	47	KOZLOV N A	73	KURSAKOVA A M	52
KONOPLEV YU N	20	KOZLOVA N V	75	KURSKIY A N	71
KONOV A S	37	KOZLOVSKIY V I	64	KURZYNSKI Z	10
KONOV V I	21,81,82,83,86	KRAMAR V K	53	KUTLIN A P	45
KONOVALOV I P	45	KRAPOSHIN V S	80	KUYBIDA L V	74
KONSTANTINOV V B	60	KRASHENINNIKOV V V	10	KUZIN YE F	67
KONVISAR P G	2	KRASIK YA YE	87	KUZ'MIN G P	88
KONYAYEV P A	47	KRASIOLOV YU I	1	KUZ'MIN V S	26
KOPTYAYEV A F	77	KRASNOPEVTSEV V V	85	KUZ'MIN V V	12
KOPVILLEM U KH	90	KRASNOPROSHINA A A	41	KUZ'MIN YU YE	14
KOPYLOV V B	84	KRASNOVOBODTSEV S I	80	KUZ'MINA T I	57
KOPYTIN YU D	47	KRASYUK I K	51	KUZNETSOV A V	38
KORBUTYAK D V	68	KRASYUKOV YU N	77	KUZNETSOV I V	79
KORCHAZHKIN S B	89	KRAVCHENKO A V	60	KUZNETSOV N T	1
KORCHAZHKIN V V	90	KRAVCHENKO V B	43	KUZNETSOV V M	26
KORCHIKOV S D	49	KRAVCHENKO V F	8	KUZNETSOV V P	47,92
KOREN' N N	59	KRAVCHUK A L	5	KVACH V B	71
KORESHEVA YE R	88	KRAVTSOV S B	89	KVACH V V	2
KORMER S B	35	KRAWCZACK L	41	KVERNADZE A M	60
KORNEYEV A A	26	KRAWCZAK L	41	KVITEK J	80
KORNEYEV K K	83	KRAYSKIY A V	51,72,75	LAMEKIN V F	39
KORNEYEV V I	41	KRAYUSHKIN I YE	14	LANDA K A	5
KORNEYEVA N T	36	KREMENCHUGSKIY L S	26	LANDA P S	22
KORNILOV S T	11	KRESTININ V V	9	LANIN S N	59
KORNIYENKO N YE	29	KREYCHI V	11	LAN'KOVA S M	23
KOROBAYNICHIEV O P	74	KRIVOSHCHEKOV V A	31	LAPSHIN V I	21
KOROBAYNIK G S	74	KRIVOSHLYKOV S G	41	LAPTEV S A	14
KOROL'KOV M V	34	KRIVTSUN V M	75	LAPTEV V B	56
KOROL'KOV V I	37	KROO N	68,78	LAPTEV V V	1
KORONKEVICH V P	91	KROTKUS A I	58	LAPUTINA O D	59
KOROSTELIN YU V	64	KRUGLIK G S	75	LARIONOV N P	62
KOROTAYEV O N	74	KRUMIN' A E	54,55	LARIONOV V V	45
KOROTEYEV N I	70	KRUPKIN V KH	56	LARKIN A I	59
KOROTKOV V I	50	KRUTIKOV V A	48	LASHKEVICH YE G	68
KORSAKOVA YE G	74	KRUTOVA L V	40	LATUKHIN D V	63
KORSUNSKAYA N YE	58,86	KRUTYAKOVA V P	80	LATYSHEV S V	89
KORTOV V S	1	KRUZEVICH YU K	62	LAVROV A P	65
KORYAKOVSKIY A S	14	KRUZHAILOV S V	16,75	LAZAREV V V	2
KORYAKOVTSSEV V S	51	KRYLOV I R	73	LE TRONG MUU	10
KORYUKIN E M	77	KRYLOV M S	84	LEBEDEV F V	80,88
KORZHENEVICH I M	60	KRYLOV V N	30	LEBEDEV M V	75
KOSENKO YE K	31	KRYLOVA D D	34	LEBEDEV N F	38
KOSICHKIN YU V	78	KRYLOVA I	41	LEBEDEV V B	60
KOSOV V M	82	KRYMOVA A I	6	LEBEDEV V I	1
KOSSYY I A	17	KRYUCHKOV G YU	68	LEBO I G	87
KOSTRITSA S A	14	KRYUKOV P G	15	LEDNEVA G P	62
KOSTYSHIN M T	53	KUBICKI J	10	LEIDENBERGER G	41
KOSTYUKEVICH A YE	22	KUCHERENKO O K	20	LEMESKO B D	67
KOTLIKOV YE N	17,46,74	KUCHINSKIY V I	4	LEONAS V B	68
KOTLYAR V V	46	KUCHUK ZH S	33	LEONOV V N	21
KOTLYAROV A A	88	KUDIM T V	37	LEONOV YE I	23
KOTOV B V	23	KUDRYASHOV O V	40		



LEONOV YU S	43	MAKHOV V N	53	MIGACHEV S A	49
LEONT'YEV I A	10,46	MAKIN V S	82	MIHAILESCU I N	83
LEONYUK L I	33	MAKUSHKIN YU S	79	MIKHALEVSKIY V S	8
LEONYUK N I	33	MALAMA YU G	89	MIKHAYLIN V V	53
LETOKHOV V S	36,66,71	MALEVICH N A	2	MIKHAYLOV A B	28
LEVITINA E I	21	MALIKOV M M	13	MIKHAYLOV G V	3
LEVSHIN L V	90	MALINOWSKI M	5	MIKHAYLOV M M	68
LEZHININ V P	87	MALISCO L	80	MIKHAYLOV V I	77
LIBENSON M N	82	MALKOV A N	89	MIKHAYLOV V P	6
LIBERTS G V	26,27	MAL'TSEV D V	72	MIKHAYLOVA M P	37
LICHKOVA N V	71	MAL'TSEV M G	52	MIKHEYENKOVA R R	79
LIKHANSKIY V V	17	MALYAVKIN L P	29	MIKHEYEV L D	15
LINNIK L F	67	MALYGIN A A	29	MIKHOV S A	1
LINNIK L G	67	MALYUKIN YU V	65	MIKLAVSKAYA YE M	7
LIPATNIKOV S I	63	MALYUTENKO V K	22	MILITSYN YU A	14
LIPOVSKAYA M YU	58	MAMAYEV A V	31	MILOSLAVSKIY V K	66,82
LIPPENYI T	20,36	MAMAYEV YU A	20	MILOVZOROV O V	59
LIPUGA A I	22	MAMEDOV A K	42	MILYUSKAS A	48,78
LISITSA M P	27,28	MAMYSHEV P V	33	MILYUTIN YE R	90
LITOVCHENKO V G	68	MANAK I S	2	MINAYEV YU P	84
LITVINOV YU I	60	MANISHIN V G	50	MINDAK M	2
LITVINOV YU M	81	MANOSHKIN YU V	9	MINENKOV A A	36
LIVSHITS M G	12	MARCHENKO V G	16	MINOGIN V G	66,71
LOBANOV M N	54	MARCHENKO V M	14	MIRONOS A V	19
LOBASHEV V M	70	MARCHENKO V S	89	MIRONOV S G	8
LOGAK L G	63	MARCZAK J	57	MIRONOV V L	46,50
LOGIN M A	42	MARGOLIN A D	27	MIROVITSKAYA S D	44
LOKTEV S M	71	MARINCIC A	3	MIRZAYEV A T	65
LOMAKIN G S	61	MARKIN A S	17	MISHACHEV V I	43
LOMANOV V G	40	MARKOV B N	73	MISHIN A V	5
LOMTEV A I	25	MARKOV V B	54	MISHINA YE D	28
LOPINA S V	65	MARKOV YU F	73	MISHNAYEVSKIY P A	38
LOPASOV V P	79	MARTON P	58	MITROPOL'SKIY O V	32,50
LOSEV G M	40	MARTIROSOV V A	72	MITYAKOV V G	21
LOSEV V F	15	MARTYNOV I YU	79	MITYKO G	18
LOSHIN A F	73	MARTYNOV V YE	43	MITYURICH G S	32
LOTKOVA E N	11	MARTYNOVA T A	41	MKHEIDZE G P	35,58
LOTOV V V	74	MARTYNOVICH YE F	1,76	MNATSAKANYAN A O	66
LOYKO L S	6	MARUSIN V D	9	MNATSAKANYAN E A	51
LOYKO V A	44	MARUSIY T YA	62	MNUSKIN V YE	7
LOZA O T	58	MARYUKOV M A	42	MOCHALOV I V	30
LOZOVENKO A YE	31	MASCHKOWITZ F	42	MOENCH H	18
LUCHIN V I	86	MASHCHENKO A I	59	MOGIL'NITSKIY S B	45
LUCHT H	6	MASLENNIKOV V L	79	MOIN M D	86
LUCKNER H	57	MASYCHEV V I	11	MOISEYENKO N G	81
LUEMKEMANN B	18	MATSKO M G	67	MOKINA I A	4
LUGINA A S	7	MATSONASHVILI R B	65,89	MOLODYAN I P	21
LUKASHENKO S V	72	MATVEYENKO I D	78	MOLOTOKOV I A	27
LUKASHENKO V I	76	MATVEYEV B A	19	MOLOTOKOV N YA	50
LUKIN V P	47,50	MATVIYENKO V M	87	MONICH N V	6
LUKOMSKIY V P	67	MATYUGIN YU A	56	MONTANARI S G	74
LUK'YANCHUK B S	82	MAURER I A	60	MORICHEV I YE	23
LUK'YANENKO S F	79	MAVRIN B N	73	MOROZOV A V	14
LUTSENKO A P	14	MAYOROV A P	25	MOROZOV V A	64
L'VOV K M	66	MAYOROV S A	20	MOROZOV V N	39
LYADZHIN V A	47,92	MAYOROV V S	80	MOROZOVA M M	47
LYAKHOV G A	7	MAYYER A A	1,33	MOROZOVA YE A	23
LYAPLIN YU A	52	MAZHUKIN V I	83	MORSHNEV S K	42
LYAPTSEV A V	27	MAZURENKO S N	81	MOSKALENKO A I	59
LYSENKO V G	75	MAZURENKO YU T	54	MOSKALEV A N	46
LYSIKOV YU I	49	MEDINSKAYA L N	63	MOSKALEVA M A	79
LYTKIN A P	12	MEDNIKOV V A	42	MOSKVICHEVA I YU	89
LYUBCHENKO F N	8	MEDVEDEV V S	62	MOSTOVNIKOV V A	2,36
LYUBIMOV V V	16,23	MEDVEDEVA L L	36	MOTAYUNAS R	48
LYUBIN V M	59	MEKHTIYEV A SH	66	MOZHAROVSKIY	69
LYUTSKANOV V L	15	MELEDIN V G	56	MOZOL' M YE	76
		MELEKHIN G V	89	MUELLER H U	57
MACHAVARIANI S Z	58	MELISHCHUK M V	32	MUELLER R	39
MAGUNOV A N	17	MEL'NIKOV I F	40	MUGENSKI E	68
MAJEWSKI W	6	MEL'NIKOV L YU	15,16	MUKHA V V	17
MAKAREVICH I P	64	MEL'NIKOV N A	31	MUKHIN L M	47
MAKAREVICH R N	40	MERKER W	22,38	MUKHINA T I	60
MAKAROV V N	2	MESYATS G A	8	MUKHTAROV E I	77

MURAVITSKIY M I	31	NOVODEREZHIN V I	10	PAVLENKO V K	7
MURAV'YEV V V	87	NOWAK J	54	PAVLOV S V	79
MUSHINSKIY V P	91	NOWAK R	63	PAVLOV V I	50
MYACHIN V YE	4	NOWAK W	42	PAVLYUK A A	30
MYAGCHENKO YU A	62	NOWICK W	66	PECHENOVA O I	14
MYAKOV V N	37	NOWICKI R	76	PEKA G P	66
MYL'NIKOV V S	23	NURGALIYEV K	85	PEKAREK L	11
MYSHALOV P I	2	NURYAGDYEV O	58	PELEVIN V N	46, 48
MYSHETSKAYA YE YE	87			PELIPENKO V P	18
MYZNIKOV YU F	12	OBRATZTSOV YU V	75	PENIN A N	29
		OBUKHOV A S	63	PENIN N A	85
NABOYKIN YU V	65	OCHIN YE F	20	PENIN S T	47
NADENENKO A V	7	ODARICH V A	85	PENKIN N P	67
NADEZHINSKIY A I	78	ODINTSOV A YU	32	PENTEGOVA L I	48
NADKHIN A I	15	ODINTSOV V I	50	PERCAK H	57
NADZHAKOV E G	73	ODZAJEV V	80	PERCHUK O V	74
NAGAYEVA M L	67	OGANESYAN A V	90	PEREL'MAN N F	24
NAGIBINA I M	62, 91	OGANESYAN V A	66	PERGAMENT A KH	50, 87
NANAI L	80	OGANESYAN YU	73	PERINOVA V	50
NANU L	83	OKHRIMENKO B A	32	PERLIN YU YE	70
NAPARTOVICH A P	11, 17	OLEYNIKOVA A D	18	PERLINSKI L	10
NASEL'SKIY S P	5	OMANCHUKOVSKAYA I V	85	PERMINOV N I	75
NASONOV N N	44	OMAROV T B	92	PERMOGOROV S A	64
NATAROVSKIY S N	19	OMEL'CHUK N N	32	PEROV P I	67
NATSVILSHVILI A G	58	ONHEISER P	80	PERSHAKOV V V	18
NAULIK L R	32	OPEKAN A G	75	PERSONOV R I	69
NAUMENKO N A	10	OPILSKI Z	40	PERVAK YU A	20
NAUMOV A P	62	ORLAMUENDER U	21	PERVOMAYSKIY V A	62
NAUMOV K P	32	ORLOV S V	20	PERZINA I	50
NAUMOV V S	37	ORLOV S YU	23	PESTRYAKOVA G A	83
NAZAROV V V	75	ORLOVICH V A	2, 71	PETNIKOV A YE	52
NEDBAY A I	64	OSADCHIYEV V M	26	PETRASCU H	12
NEDBAYEV N YA	23	OSELEDCHIK YU S	17, 27, 29	PETRASH G G	13, 28, 58, 81
NEDEL'KO S G	85	OSHEMKOV S V	72, 76	PETRENKO R A	23
NEDRANETS YU I	42	OSIKO V V	1	PETROSYAN K B	33
NEFEDOV B K	77	OSTROVSKIY V A	67	PETROV A A	72, 76
NEFED'YEV L A	50, 54	OSVENSKIY V B	67	PETROV A V	68, 87
NEKRASOV L P	22	OVCHAROV YE I	38	PETROV M P	29
NEKRASOV YU V	9	OVCHINNIKOV A A	35	PETROV M V	1
NEL'SON D K	3	OVCHINNIKOV A V	4	PETROV N I	41
NEMCHINOV I V	45	OVECHKO V S	27	PETROV N S	27
NEMILOV S V	81	OVILKO O G	37	PETROV V A	84
NEMTINOV V B	54	OVSEPYAN R K	54	PETROVICH V I	63
NENCHEV M N	16	OVVYAN P P	38	PETROVSKIY G T	5, 30, 80
NEOFITNYY M V	51	OZHOVAN M I	35		84, 90
NERSISYAN S TS	24			PETRUN'KIN V	75
NESTEROV N I	36	PADUN N G	62	PETRUN'KIN V YU	16
NESTEROV V V	62	PADURETS G I	43	PETRYAKOV V M	89
NESTEROVA Z V	62	PAETZOLD H	76	PETTSOL'D G	76
NEUDACHIN A V	56	PAK I	75	PETUKH M L	89
NEULEIB H	63	PAK N I	83	PETUKHOV V A	6
NICAYEV YE V	85	PAKHOMOV L N	16, 75	PEVTSOV A B	76
NIKIFOROV V G	7, 73	PALME M	63	PEYEVA R	24
NIKISHIN S A	3	PANAYOTOV K	24	PEYEVA R A	24
NIKITIN A K	70	PANAYOTOV K P	24	PHAM GIA MON	76
NIKITIN P I	86	PANCHENKO V YE	81	PICHUGIN S YU	80
NIKOLAYEV G N	34	PANCHUK O E	85	PIELES H	63
NIKOLAYEV I V	29	PANFILOV A G	3	PIGUL'SKIY S V	13
NIKOLAYEV YE P	63	PANFILOVA YE YE	64	PIKUS YU G	37
NIKOLAYEVA R I	36	PANIN V F	43	PIIPETSKIY N F	31
NIKOLAYEV N V	5, 80	PANOV V P	45	PIROGOVA I YU	29
NIKOLAYEV V T	39	PANOVA YE YU	46	PISKAREV M G	14
NIKOLAYEV V	47	PARAMONOV A A	53	PISKARSKAS A	3
NISTEP L G	83	PARFENOV V A	16, 75	PIS'MENNY V D	80
NITTE B	58	PARFENOV V G	81	PITATELEV G V	76
NIVIN A B	4	PAROL N	39	PLATONENKO V T	57
NIZOVIT V V	59	PARSHKOV O M	34	PLATONOV YE M	55
NIZOVIT P P	42	PASHININ P P	35, 51	PLATOV YU M	83
NOVAR M	11	PASMANIK G A	90	PLAVSKIY V YU	36
NOVAR E R	28	PATEK M	16	PRESHAKOV I V	29
NOVAR V M A	20, 32, 58, 76	PATON P YE	91	PRESHAKOVA R I	89
NOVITSKY T F	9	PAUGERT A P	29	PLETNEV V A	29
NOVITSKY V I	14, 32, 58, 76	PAUL H	45	PLETNEVA N I	29

PLETYUSHKIN A A	66	PYATAKHIN V I	40	RULEVA S S	58
PLINSKI E F	21,76	PYNDYK A M	69	RUMYANTSEV V D	84
PLOTNICHENKO V G	38			RUSOV V A	47
PLYATSKO G V	65,85	RABA O B	70	RUSTAMOV S R	2
PLYATSKO S V	68	RACZ B	6	RUTKIN O G	40,43
POCHAPSKIY YE P	61	RADAYEV V N	71	RUZICKOVA A	35
PODOBEDOV V B	73	RADCHENKO YE D	77	RYABENKO G A	67
PODOLEANU A GH	9	RADLOFF V	68	RYABOV A I	5
PODOL'SKIY B S	66	RADLOFF W	68	RYABOV S YE	16
PODPALYY YE A	54	RAGIMOV S E	36	RYABOV YE A	56
POGOSYAN K P	90	RAKHIMOV A T	87	RYABUKHO V P	61
POGREBNIYAK A D	81	RAKITIN S V	81	RYAZANOV A V	80,88
POKHSRARIAN K M	33	RAL'CHENKO V G	21,82	RYAZANOV N S	79
POKORA L	12,88	RASCH A	23	RYAZANOVA N D	86
POKROVSKIY V P	23	RASTOSKUYEV V V	47	RYBKA V	80
POLISHCHUK I YA	13	RATSEYEV S A	85	RYLOV G YE	90
POLISHCHUK S V	57	RAUTIAN S G	91	RYSKOV V M	50
POLOGRUDOV V V	76	RAYKHMAN B A	80	RYZHKOV S S	63
POLTORATSKIY E A	37	RAZABIRIN B S	3	RYZHKOV YE G	46
POLTORATSKIY V A	55	RAZENSHTEYN P S	51		
POLYAKOV A A	85	RAZVALYAYEV V N	29	SAAVEDRA F	42
POLYAKOV YE V	59	REBANE K K	77	SABOTINOV N V	13
PONOMAR' V V	37	REBANE L A	77	SACHKOV V I	59
PONOMARENKO A G	10	RED'KO T P	67	SAFONOV A N	80
PONOMAREV I V	13	REINHOLD B	36	SAFRONOV YE K	2
PONOMAREV YU N	49,79	REJTO K	36	SAGDEYEV R Z	21
PONYAVINA A N	45	REKHARSKIY V I	47	SAGITOV S I	78
POPEL' A M	69	RENCH S	77	SAKHNO S P	74
POPESCU GH	9	RENSCHEN C	37	SALISTRA G I	19
POPESCU I M	25,29	RENTSCH S	77	SALIVON G I	71
POPOV A M	87	RESHETNYAK V YU	62	SAL'KOV YE A	67
POPOV I I	27	REZNIKOV YU A	62	SAL'NIKOV YU V	62
POPOV M B	6	REZNITSKIY A N	64	SALOMONOVICH A YE	21
POPOV YE G	83	RIESE B	19,22,38	SAMARSKIY A A	87
POPOVA M N	70	RIMKLYAVICHYUS R	48	SAMARTSEV V V	27,65
POPUSHOV V V	21	RINKEVICHYUS B S	63,65	SAMGINA T YU	77
POROSHINA M YU	65	RISTICI M	9	SAMOKHVALOV I V	47,91
PORTNOY G YA	85	RITTSE G G	68	SAMOKHVALOV K P	92
PORTNOY YE L	3	RITZE H H	68	SANNIKOV YU A	7
PORTNOY YE L	4	RIZAKHANOV M A	56	SAPONDZHYAN S O	2
POSTNOV A I	59	RODIONOV I D	68	SARDARLY R M	70
POTAPOV M M	66	RODIONOV N B	88	SARDYKO V I	16,19,20,62,63
POTAPOV YU A	21	RODIONOV N T	36	SARKISYAN D G	2
POTEKHIN A O	45	RODIONOV V N	66	SARKISYAN S S	86
POTEMKIN A V	1	ROGACHEVA L F	50	SARYCHEV A G	42
POTYKEVICH TS V	22,90	ROGOVTSEV P N	84	SATTAROV D K	43
POZDNYAKOV S G	26	ROMANCHENKO P M	43	SAVATINOVA I	73
POZHAR V E	32,33	ROMANENKO A V	82	SAVEL'YEV B A	45
PRAKHOV M S	48	ROMANENKO P F	53	SAVIN A A	35,58
PRANTS S V	90	ROMANOV G P	38	SAVIN A I	38
PRAVEDNIKOV A N	23	ROSS W	8	SAVINTSEVA L A	81
PRAVILOV A M	15,16	ROTSCHALK M	23	SAVITSKIY G V	85
PREOBRAZHENSKIY N G	72	ROZANOV V B	87	SAYKIN A S	53
PRIKHOT'KO A F	77	ROZANOV V B	87,89	SAYKO A P	26
PRILEPSKIKH V D	17	ROZENBERGS YA A	63	SCHIRMER G	21
PRIVALOV V YE	57	ROZHKOV B K	53	SCHMIDT E	21
PRIYEZZHEV A V	65	ROZMAN M	26	SCHROETER B	39
PRODUVNOV A B	12	ROZNIAKOWSKI K	49	SCHURIG T	57
PROGNJMAR A B	49	ROZOV B S	62	SEBYSKIN YU N	66
PROKHORENKO V I	32	ROZSA K	10	SEDOVA A D	62
PROKHOROV A M	14,21,33,34,38,39,40,79,81,82,83,86,89	RUBANOV A S	26	SEGLIN'SH YA A	42,54,55,63
		RUBANOV V S	26	SEKOWSKI B	18
		RUBINOV A N	6,7,33,77	SEL'KIN A V	76
		RUBTSOVA N N	78	SEMAK D G	69
		RUDENKO O V	32	SEME NOV A B	43
PROTSENKO YE D	11,45	RUD'KO G YU	27	SEME NOV A S	39
PRZHEVSKIY	51	RUDNITSKIY A L	74	SEME NOV A T	59
PSHENTSOV YU A	38	RUDOY I G	31	SEME NOV O G	43
PUDKOV S D	82	RUDSKOY I V	89	SEME NOV V L	46
PUSCAS N N	25,29	RUECKMANN I	69	SEME NOV YE P	35
PUSHKIN A A	38	RUGOY I G	12	SEMENTSOV S S	52
PUSTOVOYT V I	32,33	RUKA M YA	36	SEMEROK A F	53
PUTILIN A N	52	RUKMAN G I	77	SEMIBALAMUT V M	71
PUTILIN V M	11				

SEMIDALOV S YU	77	SHTERT V	68	SNYTSEREV V V	16
SEMIOSHKO V N	67	SHTEYNASHRAYBER V YA	70	SOBEK W	83
SENCHILLO A G	4	SHTIRAND O	11	SOBIROV M M	31
SENTIRMAY ZH	78	SHTYKHNO V V	20	SOBOLEV A G	78
SERBEZOV B S	18	SHUL'GIN B V	1	SOBOLEV I A	35
SERGEYCHEV K F	87	SHULYAT'YEV V B	57	SOBOLEV N N	11,68
SERGIYENKO A V	29	SHUMSKIY S A	87	SOBOLEV S S	89
SERGOYAN G M	87	SHUR V V	36	SOBOLEV V S	64
SERIKOV V V	40	SHUVALOV V V	45	SOBOLEVA YE M	78
SERKIN V N	33,39	SIBEL'DIN N N	69	SOBOLEWSKI A	76
SEROV R V	35	SIDORENKO V I	27	SOGORIN A V	43
SEVERIKOV V N	26	SIDORENKO YU P	62	SOKOLOV I A	4
SHABALIN V V	73	SIDORIN A V	84	SOKOLOV V A	8
SHABANOV V F	91	SIDOROV A I	71	SOKOLOV V E	14
SHABUNYA S I	56	SIDOROV I I	15	SOKOLOV V I	88
SHAGIDULLIN A G	27	SIDOROV N V	77	SOKOLOV V N	26
SHAGOV A A	75	SIEJCA A	10	SOLDAK G V	30
SHAKHNAZARYAN N V	66	SIKORSKI Z	10	SOLIKHOV D K	25
SHAKIN V A	27	SILAKOV V P	17	SOLODUKHA A M	84
SHALIMOVA K V	92	SILAYEVA N B	65	SOLOMONO A A	81
SHAMARIN YU YE	83	SILENKO A S	86	SOLOMONOV YU F	69
SHAMUKHAMEDOV SH SH	84	SILIN I V	58	SOLOTOV S I	78
SHANDYBINA G D	82	SILIN V P	31	SOLOUKHIN R I	14
SHANSKIY L I	77	SILKINA T G	34	SOLOV'YEV N A	28
SHAPAREV N YA	69	SIL'KIS E G	29	SOLOV'YEVA N N	2
SHAPIRO D A	89	SIL'NITSKIY A F	47	SOMS L N	23
SHAPKIN P V	39	SIL'VANOVICH N I	45	SONNEFELD D	36
SHARAKHIMOV M SH	65	SIMAKOV S V	83	SORLEI ZS	87
SHARANGOVICH S N	32	SINEL'NIKOV V P	10,46	SOROCHEENKO V P	86
SHARGORODSKIY A G	36	SINEV S N	28	SOROKA A M	12,31
SHARKOV A V	81	SINYAVSKIY D V	3	SOROKIN YU M	64
SHAYAKHOV R F	65	SINYAVSKIY E P	71	SOSKIN M S	64,90
SHCHEBUNYAYEV A G	37	SISAKYAN I N	41	SOSNOVSKIY A T	36
SHCHEKOTIKHIN O V	43	SITNIK D N	62	SOTNICHENKO S A	15
SHCHENNIKOV M I	52	SITNIKOV L L	63	SPICKERMANN G	18
SHCHEPKIN D N	72	SITNIKOV S F	88	SPIRIDONOV V A	89
SHCHERBAKOV I V	30	SITNIKOV V P	36	SRAPIONOV V A	43
SHELEMIN YE B	77	SIUZDAK J	48	STABINIS A	30
SHELUKHIN G G	14	SIYUCHENKO O G	1	STADNIK V A	25
SHEPELENKO A A	10,57	SIZOV F F	68	STANCHEVA V	44
SHEPOT'KO A D	43	SKAKUN V S	8	STANKEVICH T F	54
SHERMERGOR T D	41	SKIBINA N B	38	STARODUBTSEV A I	13
SHESTAKOV A V	1,5	SKOROKHODOV V A	15	STASEL'KO D I	30,52,55
SHESTOPALOV V P	17	SKOROKHOD'KO S N	13	STASYUK I V	69
SHEVCHENKO A L	13	SKRIPACHEV I V	38	STEFANOV V Y	9
SHEVCHENKO V V	18	SKRIPKIN A M	48	STEMKOVSKIY A I	48
SHEVELEVICH R S	31	SKRIPKO G A	75	STEPANOV B M	60
SHEVTSOV V M	37	SKUBISZAK W	6	STEPANOV S A	39
SHEVYAKOV N A	51	SLAVENAS YU YU	7	STEPANOV V A	89
SHIKANOV A YE	89	SLAVNIN M G	20	STEPANOV V I	58
SHILO V P	59	SLIVKA V YU	48	STEPANOV YE V	78
SHIPOV P M	51	SLOBODNYUK A V	62	STEPANOV YU I	21
SHIPUNOV V A	38	SMAKOVSKIY YU B	11	STEPANOVA N V	36
SHIRKOV A V	21	SMELOV V S	54	STEPURA V I	43
SHISHAYEV A V	29	SMELYAKOV L V	58	STERIAN P E	9,25,29
SHISHKOV V F	54	SMIRENKINA I I	72	STERIN KH YE	73
SHKADAREVICH A P	5,75	SMIRNITSKIY V B	4,19	STERLIGOV V A	4
SHKAPA A F	35	SMIRNOV L S	85	STERT V	68
SHKLOVSKIY YE I	51	SMIRNOV M Z	65	STOHN I	63
SHKUNOV V V	31,55	SMIRNOV V A	25	STOICA M	83
SHMAGIN YU I	84	SMIRNOV V G	8	STOLYARCHUK S YU	46
SHMELEV V M	27	SMIRNOV V I	43	STRAUCH B	78
SHOKHUDZHAYEV N	4	SMIRNOV V N	80	STROKIN M V	37
SHOLOKH V F	44	SMIRNOV V S	7	STUDENOV V B	17
SHORIN V P	63	SMIRNOV YE A	57	STUDENOV V I	7
SHOTOV A P	75,78	SMIRNOVA A S	19,37	STUS' N M	19
SHPAK A M	27	SMIRNOVA S A	76	STYS L YE	69
SHPAK L P	87	SMIRONV V L	39	SUBASHIYEV V K	24
SHPIL'RAYN E E	13	SMOLENSKIY G A	40	SUCHKOV A F	10,71
SHTALENKOV N F	60	SMOLINSKA B	51	SUD'YENKOV YU V	64
SHTANCHAYEV M I	21	SNEGIREV YE P	75	SUKHANOV V I	52
SHTERN E K	77	SNITKO O V	4	SUKHAREV S A	35
SHTERNBERG A R	92	SNOPKO V N	57	SUKHAREVA L K	70

SUKHOIVANOV I A	43	TILCH J	76	UDAL'TSOV B V	9
SUKHOROSOV S YU	11	TIL'KH I	76	UFIMTSEVA R N	77
SUKHORUKOV A P	29,68	TIMCHENKO B A	56	UGLOV A A	83
SULTANOV T T	51,72	TIMOFEYEV T T	20,86	UJDA Z	88
SULTANOVA N	55	TIMOFEYEV V D	71	ULITSKIY N I	69
SUMETSKIY M YU	45	TIMOFEYEV YE M	35	UMANETS A G	76
SUMINOV I V	81	TIMOKHIN A A	77	URBANKOVA G	11
SUMINOV V M	64	TIMOV V D	29	URIN B M	11
SURAZYNSKI L	43	TISHCHENKO A YU	78	URSAKI V V	85
SURDUTOVICH G I	67	TISHKIN V P	87	URSU I	83
SURSKIY K O	72	TITOV YE A	71	USENKO V P	23
SUSHCHINSKIY M M	70,73	TKACHENKO A P	40	USKOV A V	78
SUTORSHIN V N	63	TKACHUK A M	1	USKOV V I	1
SUVOROV A YE	72	TKACHUK G B	44	UTKIN K G	22
SVELOKUZOV A YE	4	TLEUZZHANOV A B	14	UTOCHKIN K P	47,92
SVET V D	53	TODOROV T V	18	UVAKINA V F	20
SVIRGUN V P	27	TOKAREV A G	1	UVAROVA N N	5
SVIRIDENKOV E A	71	TOKAREV O D	47,92		
SVIRIDOV A P	56	TOKAREVA A N	7	VAGIN N P	15
SVIRIDOV S A	48	TOLKACHEV A V	63	VAKAROV B S	69
SVIRINA L P	26	TOLKACHEV V A	6	VAKHNENKO A A	28
SVIRKO YU P	7	TOLOK V A	27	VAKULENKO S A	27
SYCHUGOV V A	79	TOLSTIK A L	26	VALAKH M YA	27
SYRBU A V	21	TOLSTOROZHEV G B	78	VALIYEV K A	38
SYRBU N N	76	TOMA D	58	VALYUKHOV A A	75
SYRKINA M L	84	TOMIN V I	77	VANIN V A	55
SYRUS V	30	TOMM J W	78	VANYUSHEV B V	51
SYWINSKI R	68	TOMOV I V	15	VARAVKA V N	82
SZENTIRMAY SZ	78	TOPCHYAN I I	79	VARGA P	78
SZPIGLER Z	39	TOPOROV V V	71	VARNAVSKIY O P	69
SZUSTAKOWSKI M	43	TOROPKIN G N	5	VARTANYAN T A	28
SZYDLAK J	2	TOROPOVA T P	47,92	VASENKOV A A	81
		TOROSYAN G A	2	VASHKEVICH I M	5
TABARIN V A	23	TOSCH R	83	VASIL Y S	16
TABIRYAN N V	28	TRAMPIL'TSEV V N	48	VASILENKO G I	92
TABRIN V N	31	TRAYBER A S	27	VASILENKO L S	29,78
TACANTSEV D K	81	TREMBLAY R	40	VASILENKO M V	1
TAGIYEV Z A	29	TRIFONOV A S	43	VASILENKO N A	23
TALALA N S	82	TRINCHUK B F	7	VASILISHCHEVA I V	39
TALALAKIN G N	19	TRUBAYEV V V	82	VASILIU V	9
TAOVA T M	84	TRUBETSKOY A V	36	VASILYAK L M	12
TARANUKHIN V D	33	TRUBNIKOV A I	59	VASILYAUSKAS V	30
TARASENKO V F	8	TRUKHIN V N	85	VASIL'YEV A F	50
TARASOV G G	27	TRUSHIN YE V	21	VASIL'YEV A V	38
TARASOV I S	4	TRUS'KO V L	37	VASIL'YEV B I	8
TARASOVA N M	17	TSAGARELI R V	58	VASIL'YEV M G	4
TARCHENKO A A	40	TSAR'KOV V A	9	VASIL'YEV M P	55
TARCHENKO N V	40	TSARYUK O V	57	VASIL'YEV N N	5
TARKOV V A	51	TSATSULIN M I	10	VASIL'YEV YE N	83
TASHENOV B T	92	TSELINKO A M	9	VASIL'YEV YU P	51
TASHENOV B T	47,48	TSELYKOVSKIY A F	11	VASIL'YEVA E A	60,64
TATARINOVA T S	21	TSIBUL'KIN L M	92	VASIN L N	43
TEELEVAN V YE	85	TSIRULE I KH	27	VASSILEV YA	81
TEM E L	48,92	TSOPP L E	58	VAVILOVA L S	4
TEMCHENKO V S	53	TSUKANOV A A	19	VECHKANOV N N	37
TEMROKOV A I	84	TSVETKOV V A	69	VEDENEYeva G V	75
TEODORESCU V S	83	TSYBESKOV L V	69	VEDENOV A A	92
TEPLYAKOV I M	22	TSYGANOVA I YU	40	VEDLIN B	17
TEREKHIN A V	45	TUAN ANH M	81	VERLENKO B A	45
TERESHCHENKO A G	74	TUCHKEVICH V M	55	VELIKHOV YE P	36
TERESHCHENKO A I	43	TUCHKOVA YE A	81	VELIKIKH V S	82
TERPUGOV V S	5	TUMANOVA L M	74	VELIKOV L V	38
TESLENKO V P	43	TURKIN A A	20	VENTSKOVSKIY O M	41
TETER J	10	TURUKHANO B G	51	VERBIN S YU	64
TIBILOV S S	77	TURYANITSA I I	69	VERBOVETSKIY A A	51
TIGINYANU I M	85	TVOREMIROVA T A	43	VEREMEYENKO T V	34
TIKHOMIROV B A	49	TYAGAY V A	4	VERESHCHAGIN V G	45
TIKHOMIROV S A	78	TYAKHT V V	56	VERETENNIKOV V A	43
TIKHOMIROVA O V	46	TYAPKIN V A	46	VERGUN V V	48
TIKHONCHUK V T	31	TYCHINSKIY V P	58	VERKHOVSKIY YE B	74
TIKHONOV YE A	32	TYMCHIK G S	64,74	VERNER V D	86
TIKHONRAVOV A V	20	TYMPER S I	11	VERTIY A A	17
TIKUNOV A V	4	TYUGAY V K	82	VERTOSHI G	78

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VIDMANT F V	60	YASHCHUK V P	32	ZAYTSEV A S	85
VIFANSKIY YU K	44	YASHIN V YE	50	ZAYTSEV I A	46
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VINETSKIY V L	69	YASTREBOV V M	51	ZAYTSEV S V	37
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VINOGRADOV B A	84	YEFIMOV O M	80,84	ZBYKOVSKAYA N I	85
VINOGRADOV I P	15	YEFREMOV V G	22	ZBYRAD S	39
VINOGRADOV YE A	70	YEGOROV A S	71	ZEL'DOVICH B YA	31
VINOKHODOV A YU	14	YEGOROV K D	48	ZELENSKIY A N	70
VISHCHAKAS YU	7,30,48,78	YELIGULASHVILI I A	53	ZEMLYANOV A A	28
VISHNEVSKAYA M A	55	YELISEYEV A I	55	ZEMSKOV K I	28,58,81
VITMAN A D	64	YELISEYEV P G	3,4	ZEYLIKOVICH I S	55
VITRICHENKO E A	21	YELIZAROV A YU	7	ZHARIKOV YE V	1
VITRIKHOVSKIY N I	58	YELIZAROVA T G	25	ZHARNIKOV S D	2
VITUSHKIN L F	64,65	YELKHOV V A	35	ZHAROV V F	65
VIZNER A A	23	YELOKHIN V A	16	ZHDANOK S A	14
VLADIMIROV F L	23	YELOKHINA G N	79	ZHDANOV V S	36
VLASENKO YU V	28	YEMEL'YANOV I D	74	ZHDANOVSKIY V A	57
VLASOV N G	65,89	YENGOYAN T M	47	ZHIDKOV YE P	46
VLCKOVA B	78	YEPATKO I V	35	ZHIGLINSKIY A G	79
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VOIGT P	19,22,38	YEREMENKO A S	23	ZHINGAREV M Z	37
VOINOV V V	22	YEREMEYEV B V	58	ZHIROVETSKIY V M	65
VOLKOV L I	17	YEREMKO A A	28	ZHITKOV P M	70
VOLKOV S A	65	YERMAKOV V P	29	ZHITNYUK V A	1
VOLOSTNIKOV V G	46	YERMOLAYEV M M	52	ZHIZHIN G N	70,79
VOL'POV A L	52	YERMOLENKO N N	75	ZHORNIK V P	19
VOL'SKAYA S P	11	YEROKHOVETS V K	51	ZHUCHKOV N A	59
VOLYAK T B	51	YERSHOV B V	89	ZHUK A YE	36
VORONTOV A A	44	YERSHOV-PAVLOV YE A	78	ZHUKOV O K	84
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VOYTOV V N	49	YESAKOVA I N	59	ZHURAVLEV O A	63
VOYTOVICH A P	1	YESEPKINA N A	65	ZHURAVSKIY V L	82
VSEVOLODOV N N	55	YEVDOKIMOV M V	65	ZHURKIN B G	80
VTYURIN A N	29	YEVSEYEV O A	21	ZHURKOV S N	84
VUCHKOV N K	13	YEVTIKHEYEV V P	4	ZIMIN B I	40
VURBANOV N	44	YEVTIKHIEVA O A	65	ZIMIN L G	67
VUS B S	65	YUDIN A V	60	ZIMIN YU A	52
VYACHESLAVOV L N	65	YUMASHEV K V	6	ZINOV'YEV P V	65
VYSIKAYLO F I	14	YUNOVICH A E	78	ZIOLKOWSKI Z	57
VYSOCHANSKIY YU M	48	YURCHIKOV B M	18	ZNAMENSKIY N V	14
		YUREVICH V A	1	ZLOTAREVA L YE	75
		YUR'YEV B V	65	ZLOT'KO A S	31
WENGLER P	36	YURYSHEV N N	15	ZOLOTOVSKAYA YE F	57
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WESTPHAL K D	18,19	ZABOLOTNYKH A V	56	ZOZULYA A A	31
WIEDERHOLD G	23	ZABOLOTSKAYA YE A	30	ZSCHOCKE W	23
WIESNER P	81	ZADORIN A S	32	ZUBAREV YU B	44
WILGELMI B	77	ZAFIROVA B	24	ZUBKOV A I	42
WINKELMANN S	38	ZAJAC M	54,63	ZUBOV V A	51,72
WITKO W	78	ZAKHARCHENKO S V	48	ZUYEV A N	27
WOJCIK J	2,39	ZAKHAROV A K	49	ZUYEV V S	15
WOLINSKI W	5	ZAKHAROV A V	14	ZUYEV V YE	49,79
WOLSKI R	5	ZAKHAROV M I	17	ZUYEVA T V	66
WURLITZER G	21	ZAKHAROV S D	58	ZVEREV A F	82
		ZAKHAR'YASH V F	56	ZVEREV G M	1
YAFAYEV N R	49	ZAKIROV SH KH	65	ZVEREV YU K	65
YAGUPOL'SKIY L M	6	ZAKREVSKIY S I	18	ZVEREVA S G	31
YAKHONTOVA V YE	9	ZAMKOVETS N V	69	ZYBIN A V	72
YAKIMOV K S	52	ZAMULYUKIN A T	87	ZYBURA A	12
YAKOVLENKO S I	8	ZAPOROZHCHENKO V A	5	ZYKOV L I	35
YAKOVLEV V A	79	ZARGAR'YANTS M N	44		
YAKOVLEV V P	25,67	ZARIPOV SH KH	17		
YAKOVLEV YU P	37	ZAROSLOV D YU	38		
YAKOVLEVA T V	55	ZARTOV G	24		
YAKUBENAS R	48	ZARTOV G D	24		
YANKAUSKAS A	30	ZARUBIN A M	59		
YANKOVSKIY A A	89	ZASAVITSKIY I I	75,78		
YANUSHKEVICH V A	83	ZASLAVSKIY B I	65		
YARASHYUNAS K	69	ZASLAVSKIY V YA	51		
YAREMENKO YU I	90	ZAULS V A	27		
YAROSHETSKIY I D	85				

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